

Graduate Certificate - Fish and Wildlife Management

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| EVSP507 | Conservation Biology | 3 |
| Total Semester Hours | | 18 |

The graduate certificate in Fish and Wildlife Management focuses on ecological functions, habitat restoration, and the survivability and management of fish and wildlife populations. You will study environmental policies, regulations, and laws, while looking at real-world examples of various management approaches for restoring or improving populations of rare, threatened, or endangered species. This online graduate program emphasizes the importance of establishing science-based policy to direct and inform management decision making. Skills obtained through this certificate are often required in fields such as local and national park management, fish hatcheries, wetlands, or conservation agencies. This online certificate is intended for graduate students who want to expand their knowledge of fish and wildlife management without committing to a degree program.

Certificate Objectives

Upon successful completion of this certificate, the student will be able to:

- Describe the fundamental concepts and principles of the management of fish and wildlife resources.
- Assess the impact of human activities on the survival and management of fish and wildlife populations.
- Analyze the regulations, policies, and politics that influence the management of fish and wildlife in the U.S.
- Analyze the complex and dynamic interactions between fish and wildlife resources and their environment.
- Assess the political, regulatory, and economic barriers that prevent the preservation and restoration of species and populations.
- Analyze the role of collaboration and partnerships in meeting critical fish and wildlife resource needs, such as species restoration, threatened and endangered species management, and landscape level conservation, both on the national and global scale.

Certificate Requirements (18 semester hours)

| Code | Title | Semester Hours |
|---------|--------------------------|----------------|
| EVSP501 | Environmental Management | 3 |
| EVSP502 | Environmental Economics | 3 |
| EVSP504 | Fisheries Management | 3 |
| EVSP505 | Wildlife Management | 3 |
| EVSP506 | Restoration Ecology | 3 |